

FIG.1A

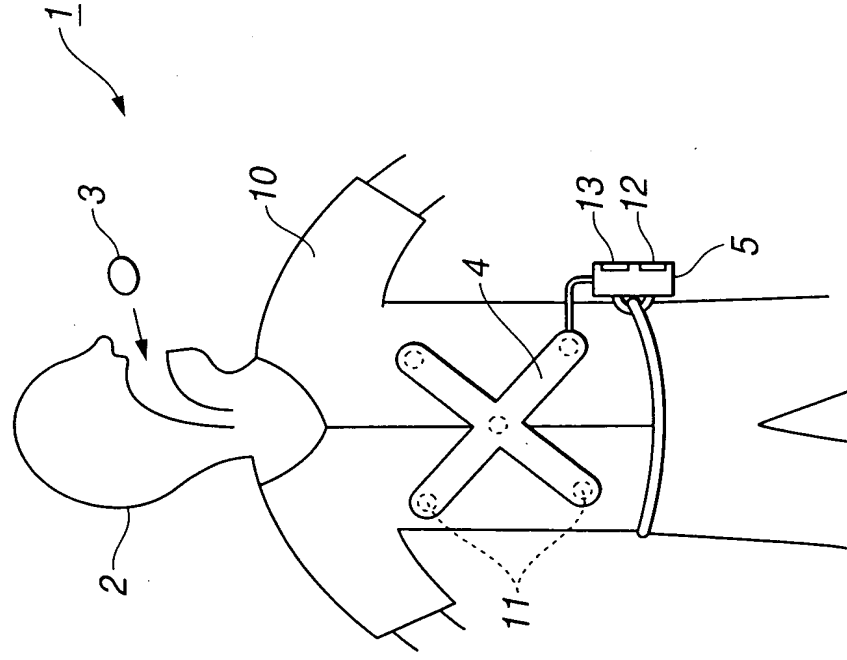
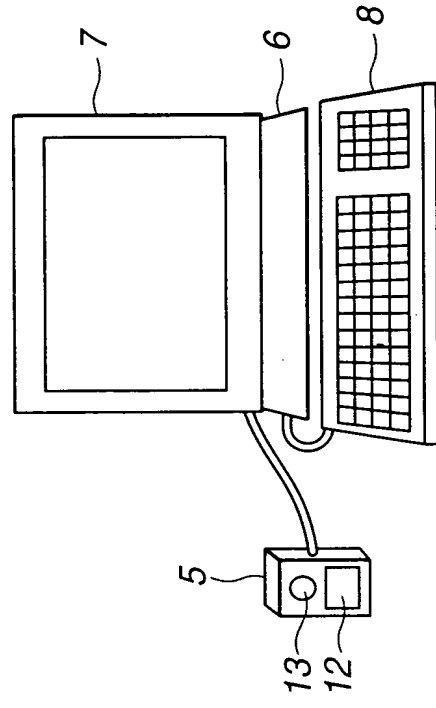
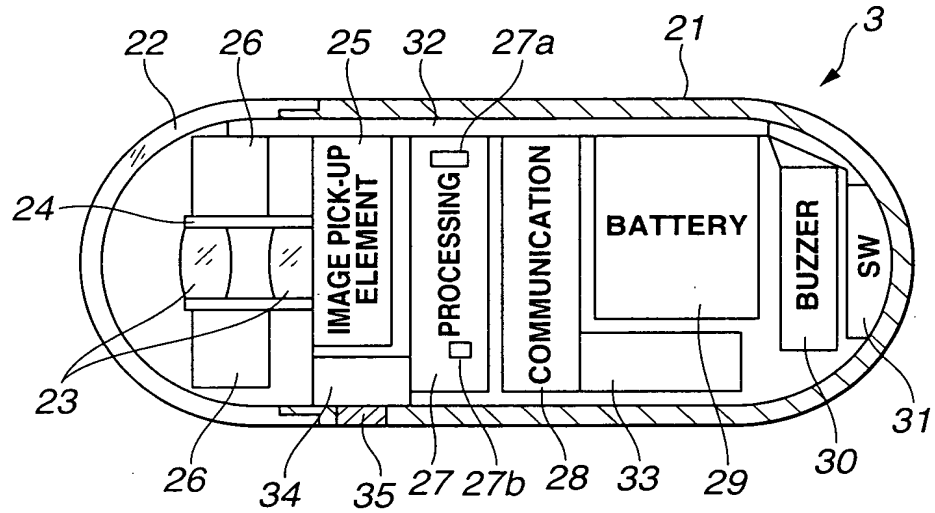


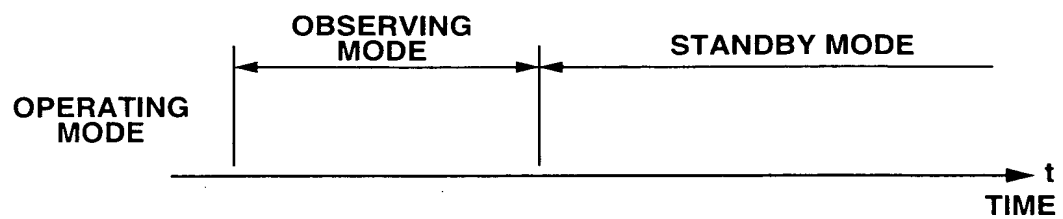
FIG.1B



# FIG.2

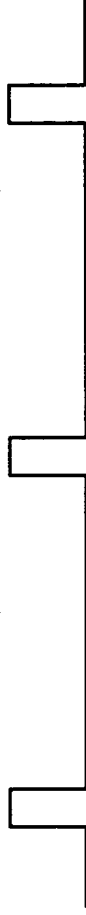


# FIG.3



← OBSERVING MODE →

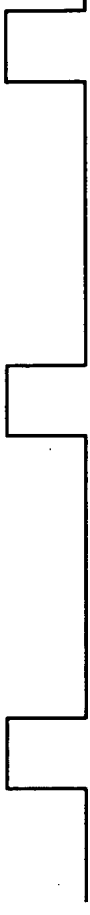
**FIG. 4A** WHITE LEDS



**FIG. 4B** DRIVING OF IMAGE PICK-UP ELEMENT



**FIG. 4C** PROCESSING OF IMAGE PICK-UP SIGNAL

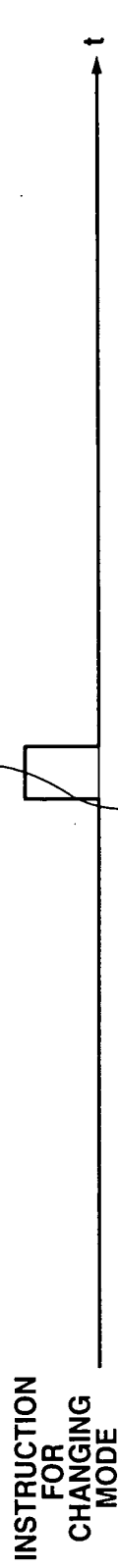
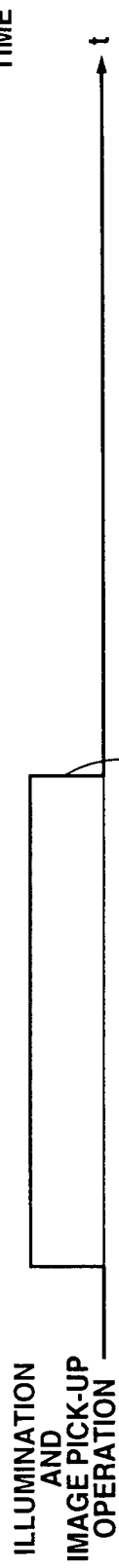
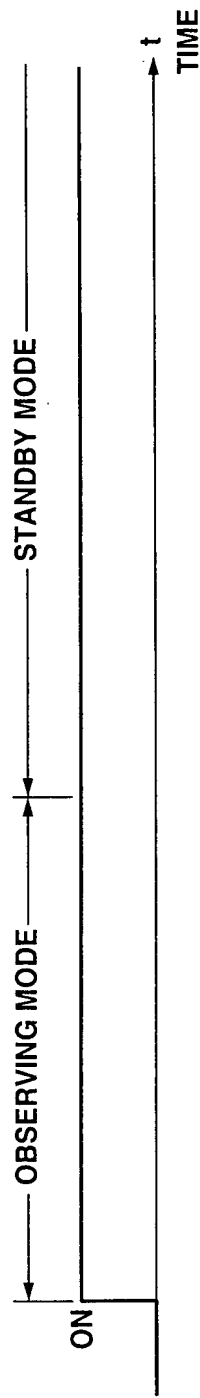


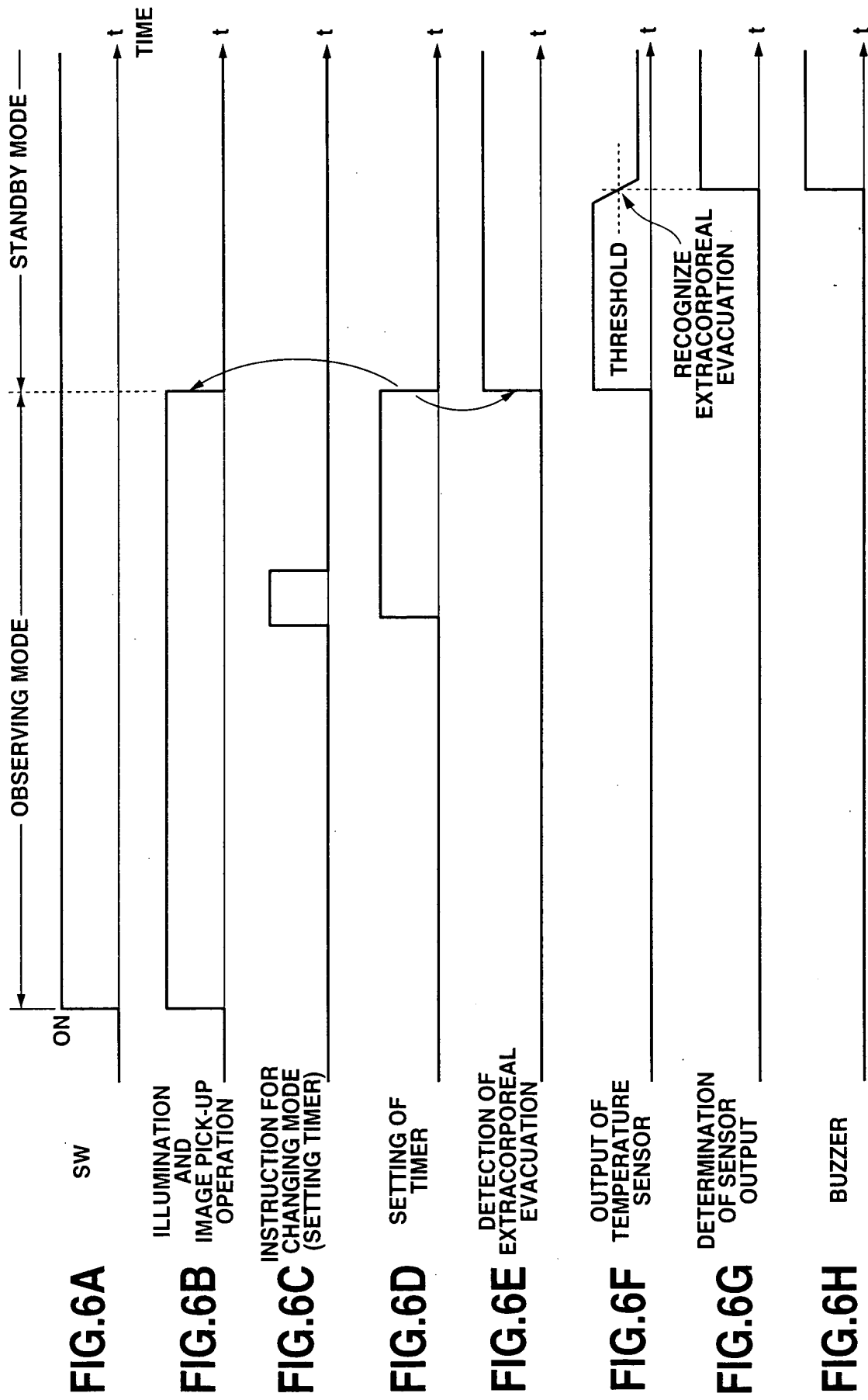
**FIG. 4D** TRANSMISSION PROCESSING



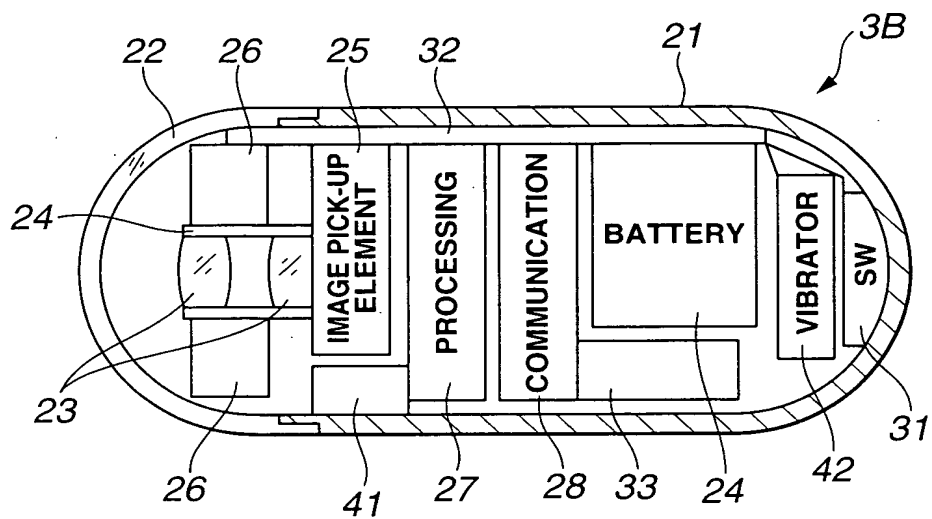
**FIG. 4E** RECEPTION PROCESSING



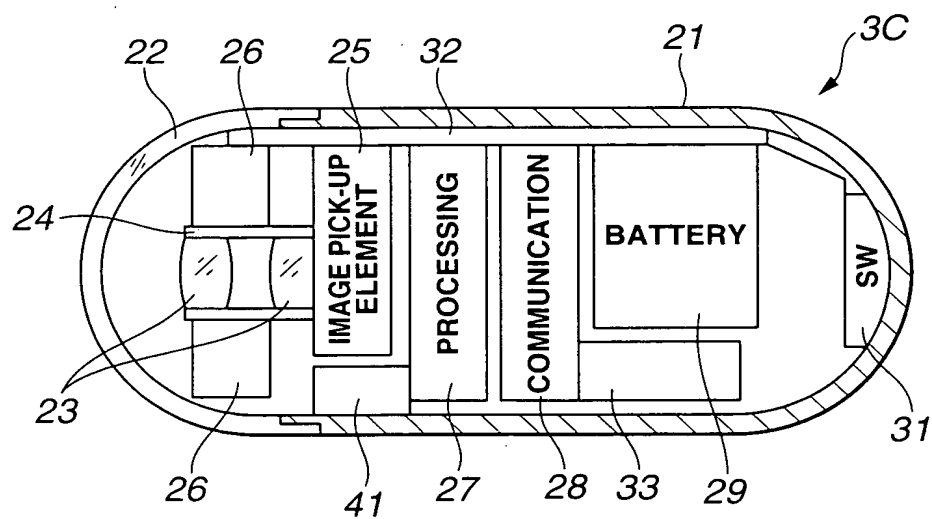




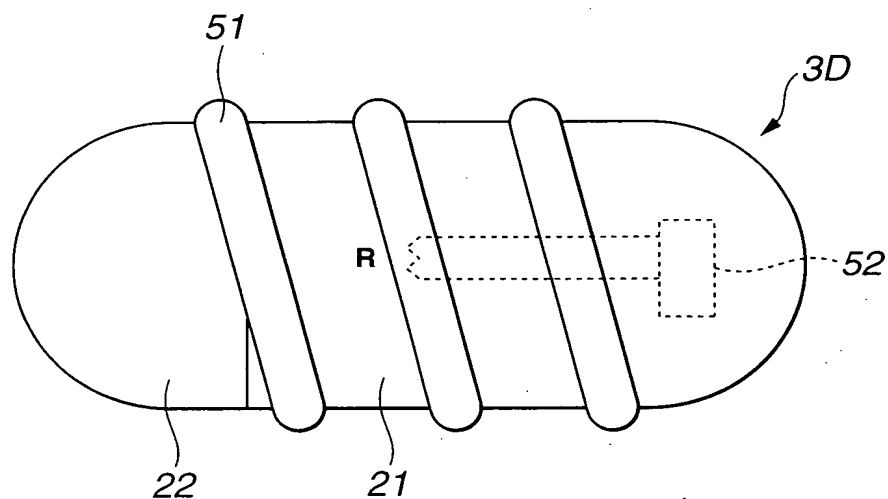
# FIG.7



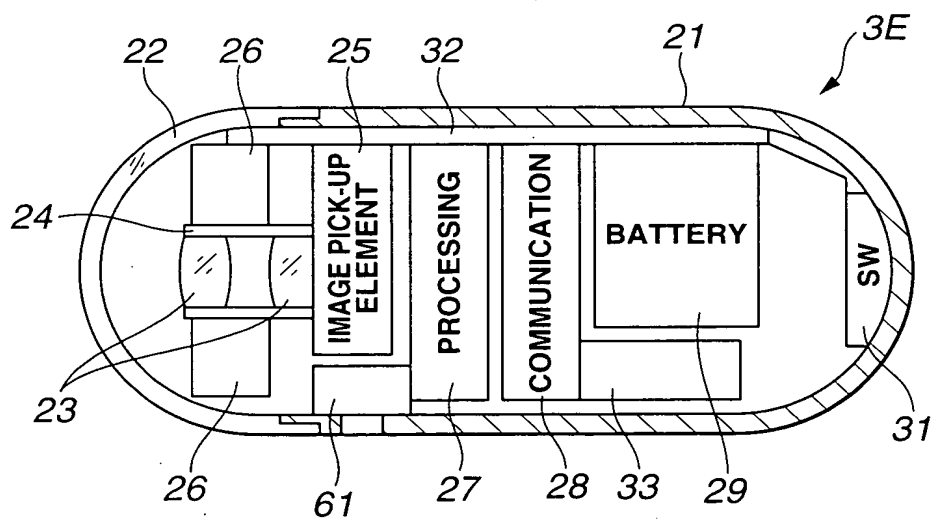
# FIG.8

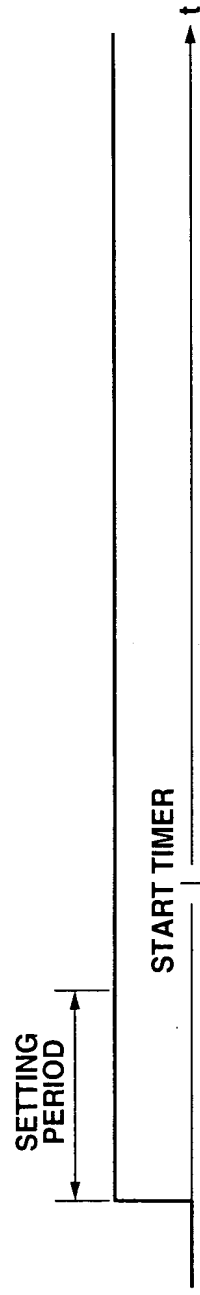


# FIG.9



# FIG.11

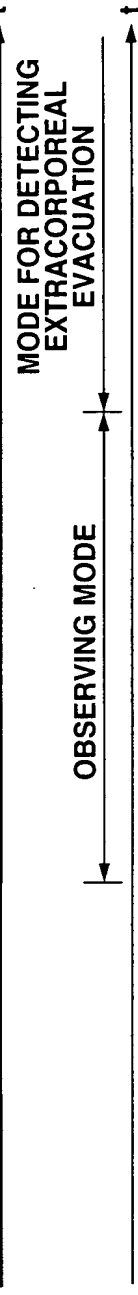




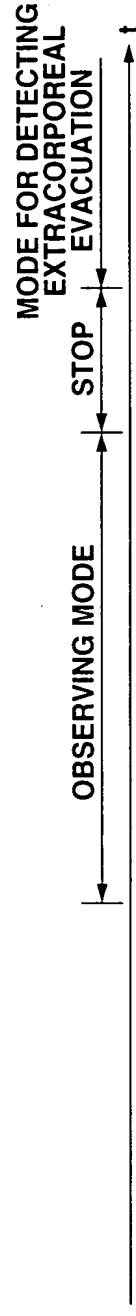
**FIG.10A** SWITCH



**FIG.10B** SETTING OPERATION

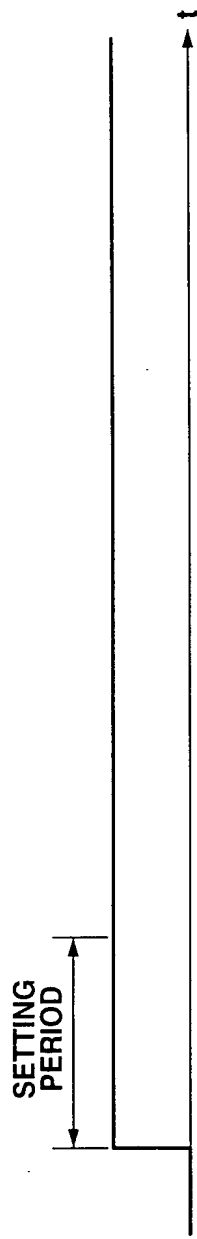


**FIG.10C** MODE

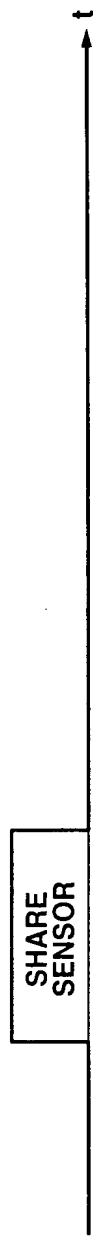


**FIG.10D** MODE





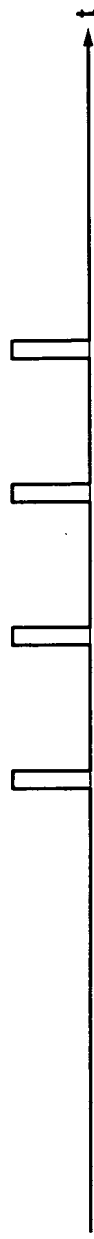
**FIG. 12A** SWITCH



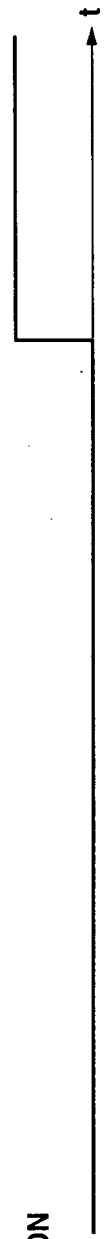
**FIG. 12B** SETTING OPERATION



**FIG. 12C** MODE



**FIG. 12D** pH SENSOR



**FIG. 12E** DETERMINATION OF SENSOR OUTPUT

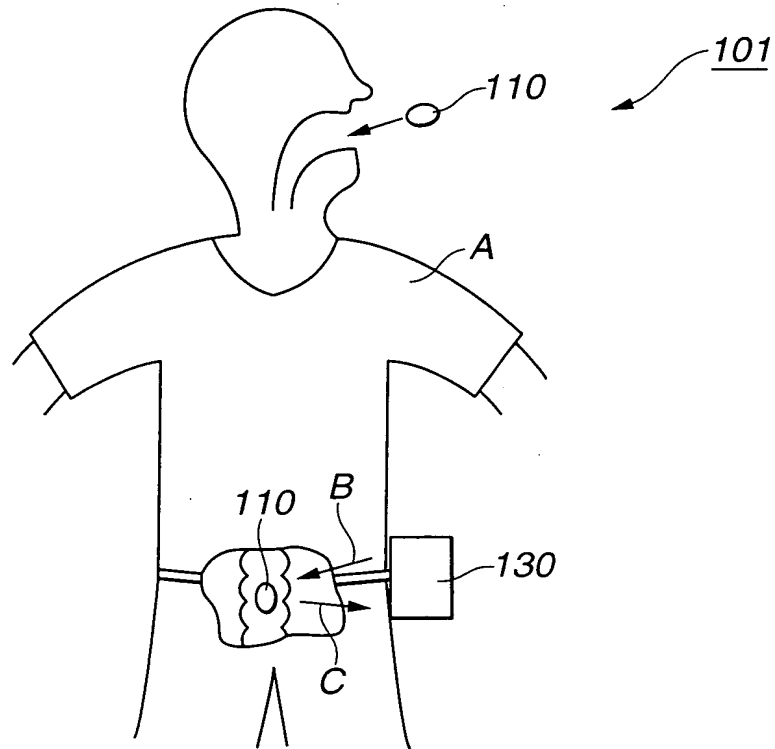


**FIG. 12F** SETTING OPERATION

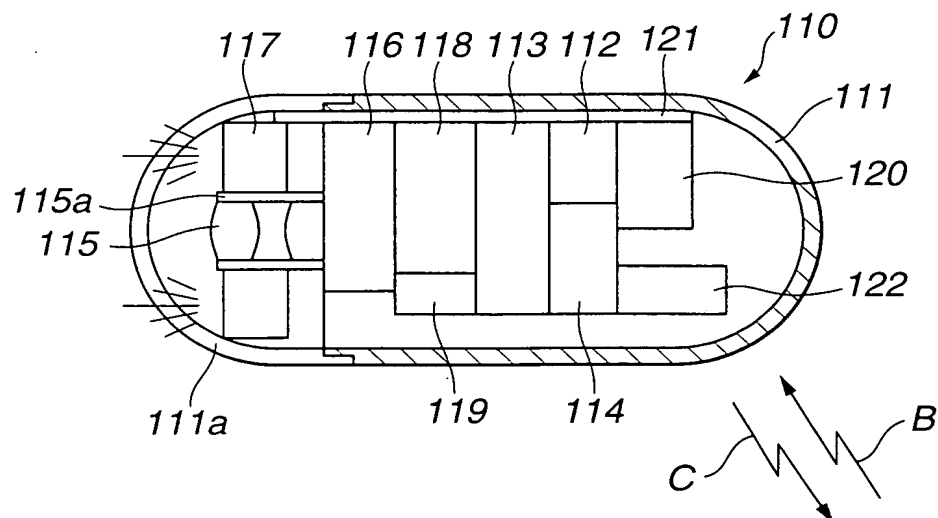


**FIG. 12G** MODE

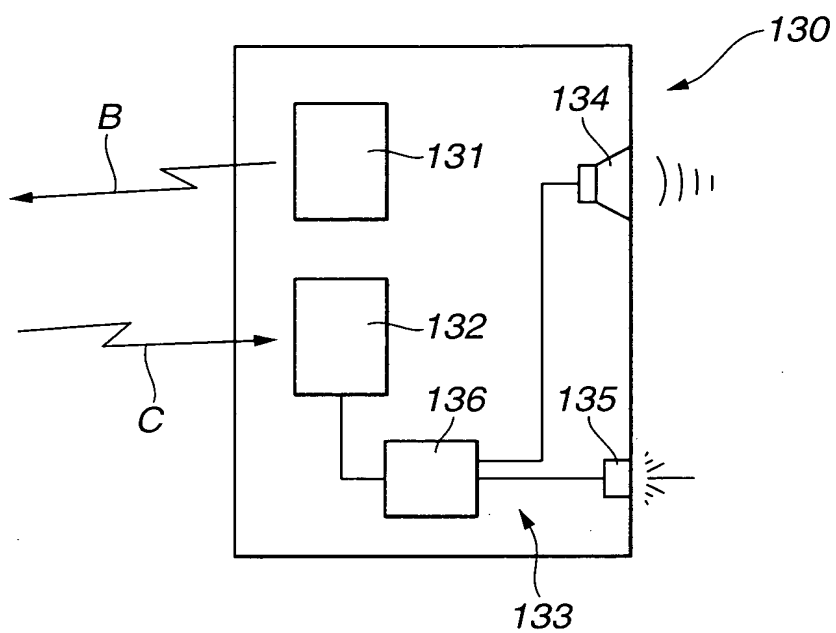
**FIG.13**



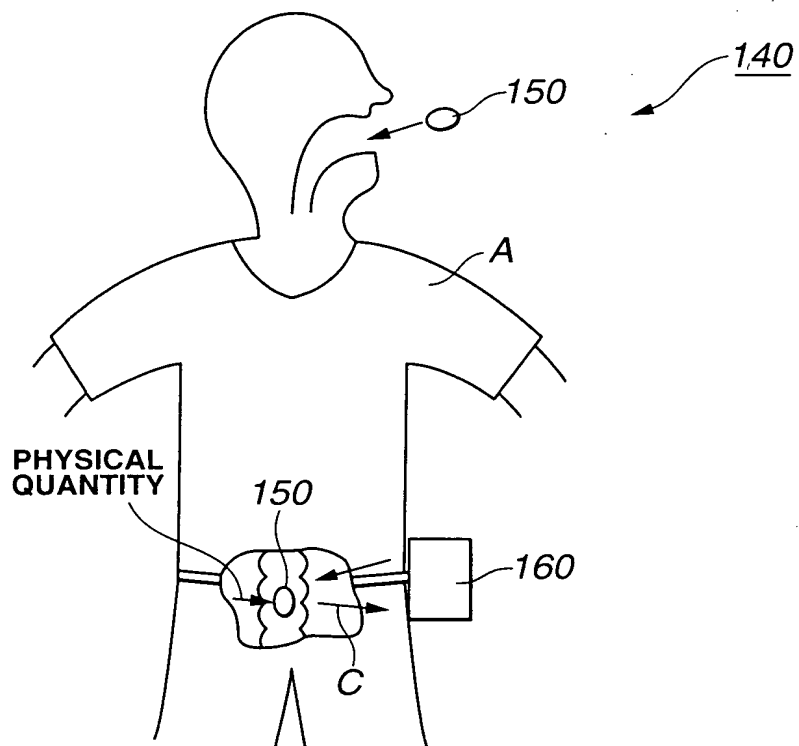
**FIG.14**



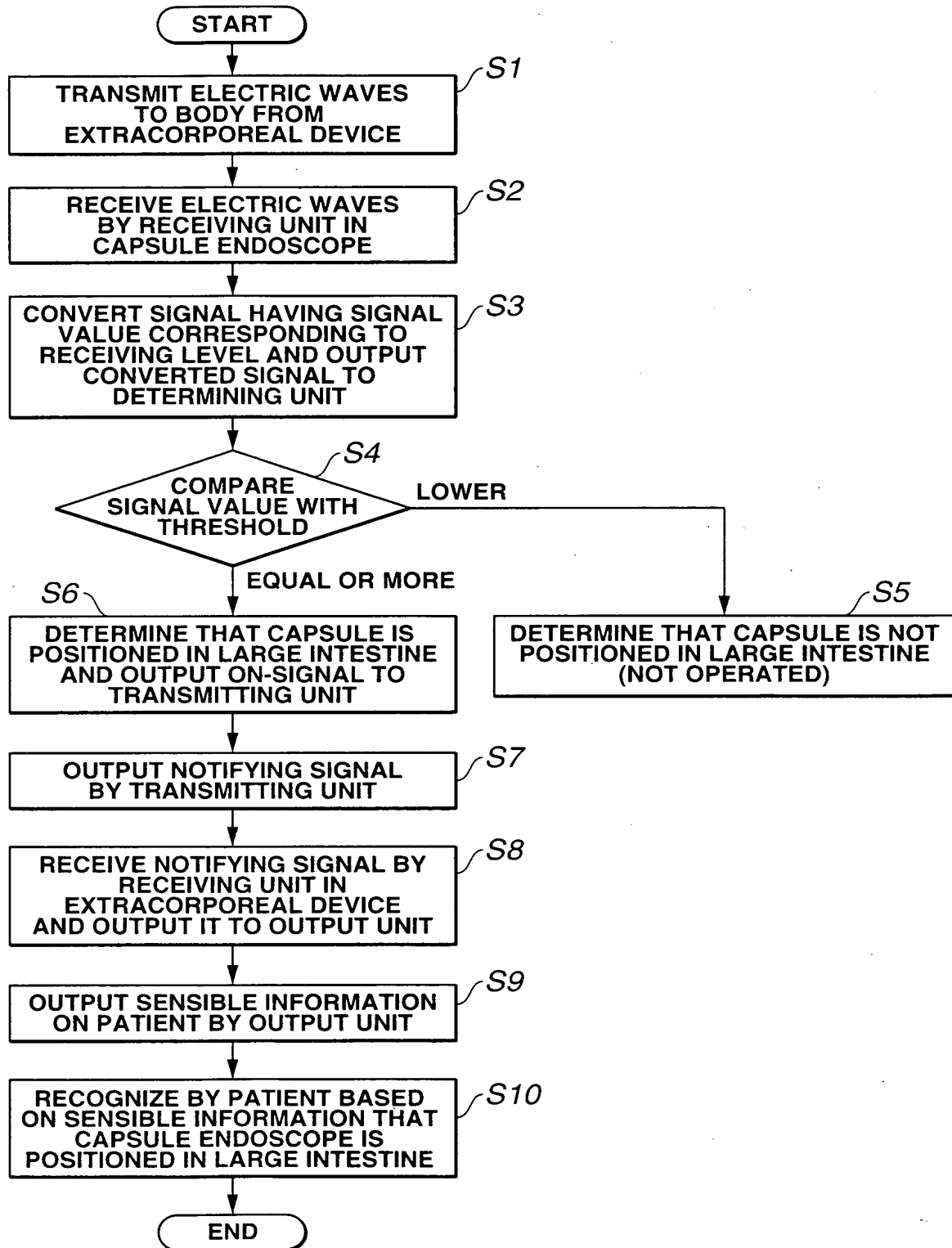
**FIG.15**



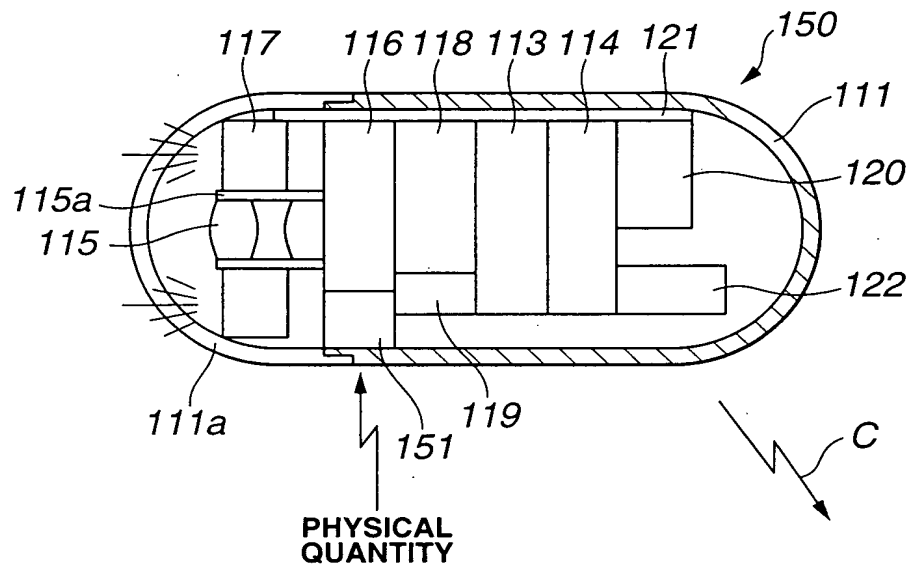
**FIG.17**



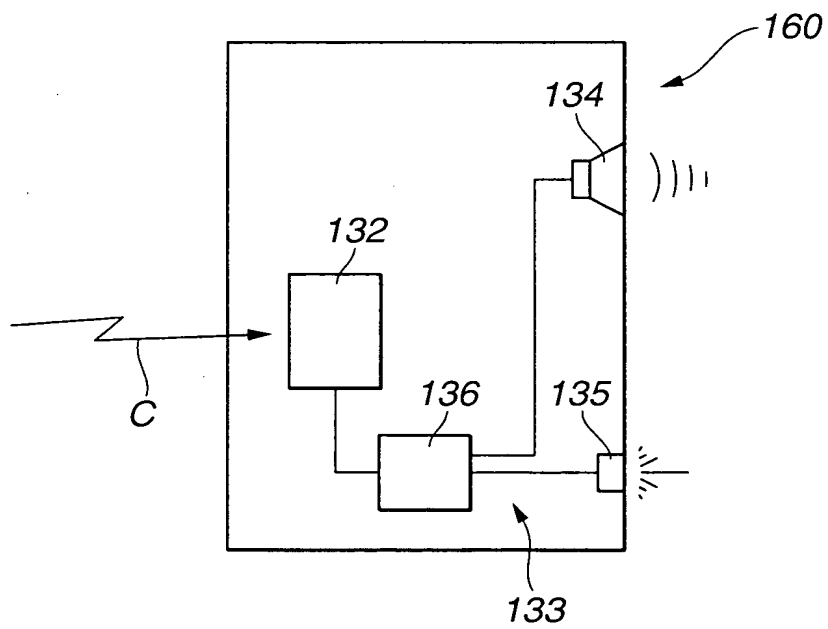
**FIG.16**



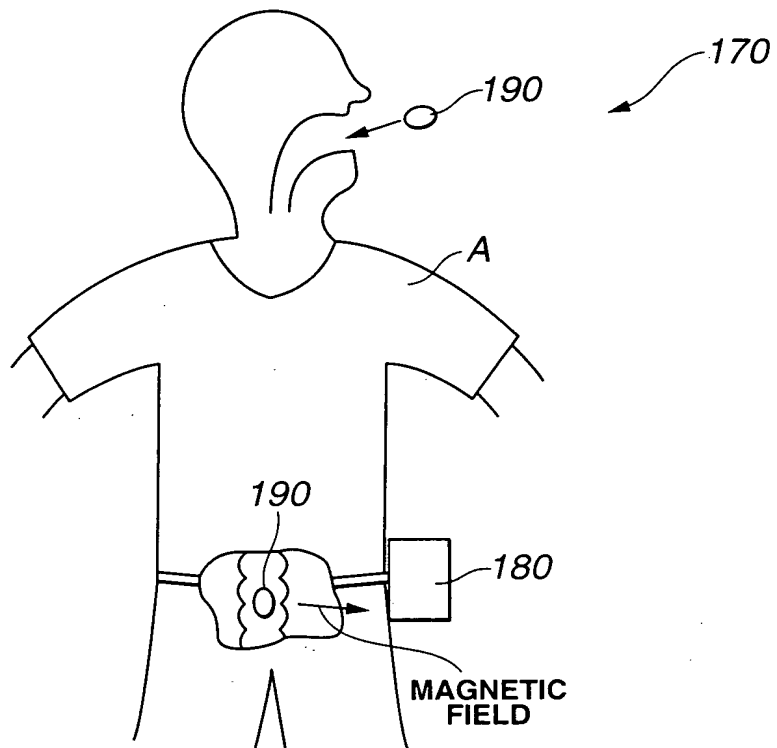
# FIG.18



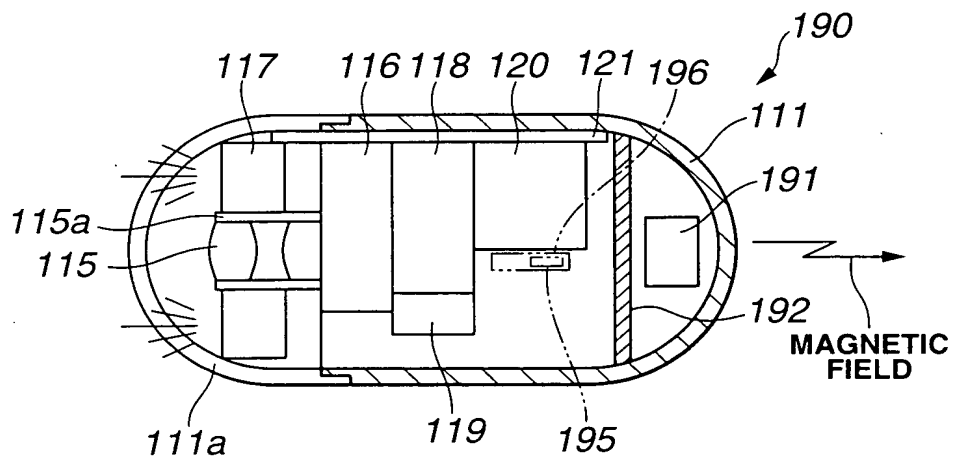
# FIG.19



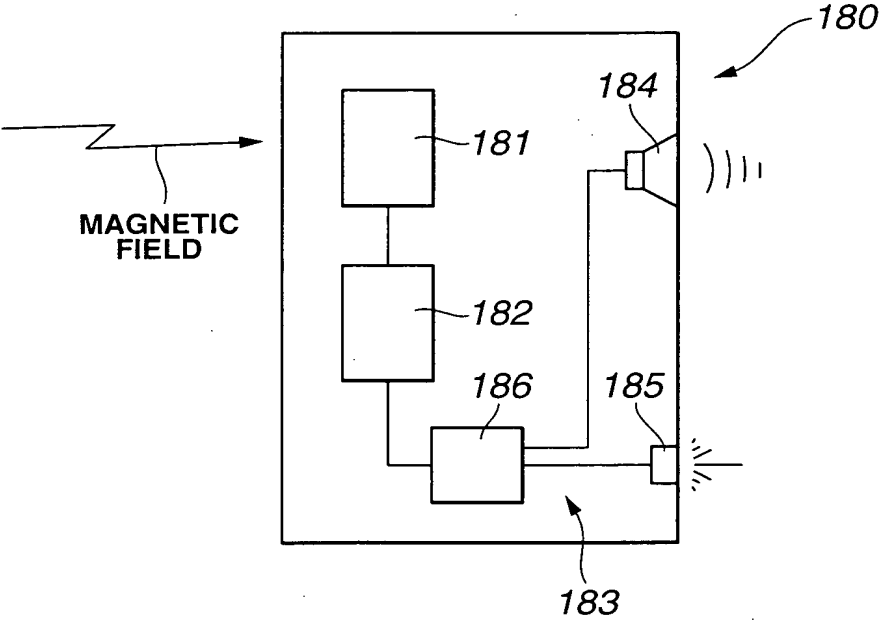
# FIG.20



# FIG.21



**FIG.22**



**FIG.23**

